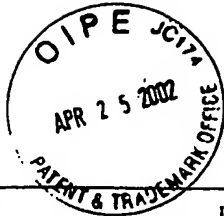


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111473		APPLICATION NO. 10/015,607	
<div>INFORMATION DISCLOSURE STATEMENT</div> <div><div>PTO</div><div>(Use several sheets if necessary)</div><div>JUN 21 2002</div><div>PATENT & TRADEMARK OFFICE</div></div>				RECEIVED			
				APPLICANTS Akio KOBAYASHI et al.		JUN 27 2002	
				FILING DATE December 17, 2002		TECH CENTER 1600/2900 1645-1638	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
gth		5,916,788	06/29/1999	Kubota et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
gth		EP 0 137 504 A2	04/17/1985	Europe			
		EP 0 483 847 A2	05/06/1992	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
gth					10 DEC 05		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: June 21, 2002

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111473		APPLICATION NO. 10/015,607	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Akio KOBAYASHI et al.			
				FILING DATE December 17, 2001		GROUP 1645 1638	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
<i>gh</i>		6,346,101	02/12/2002	Alfano et al.	<u> </u>	<u> </u>	
<i>gh</i>		4,945,050	07/31/1990	Sanford et al.	<u> </u>	<u> </u>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
<i>gh</i>		JP B2 62-7837 (w/abstract)	02/19/1987	Japan	<i>Abstract only</i>	<u> </u>	
<i>gh</i>		JP A 2-9378 (w/abstract)	01/12/1990	Japan	<i>↓</i>	<u> </u>	
<i>gh</i>		JP A 9-163984 (w/abstract)	06/24/1997	Japan	<i>↓</i>	<u> </u>	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>gh</i>		Kurata et al., "The Laser Method for Efficient Introduction of Foreign DNA into Cultured Cells", EXPERIMENTAL CELL RESEARCH 162 (1986) pp. 372-378.					
<i>gh</i>		Buer et al., "Insertion of Microscopic Objects through Plant Cell Walls Using Laser Microsurgery", BIOTECHNOLOGY AND BIOENGINEERING, vol. 60, no. 3, November 5, 1998.					
EXAMINER		<i>George Helmer</i>			DATE CONSIDERED <i>10 Dec 05</i>		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 25, 2002

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111473		APPLICATION NO. 10/015,607	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Akio KOBAYASHI et al.			
				FILING DATE December 17, 2001		GROUP 1645 1638	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>gkh</i>		5,272,072	12/21/1993	KANEKO et al.		

RECEIVED
 FEB 06 2003
 TECH CENTER 1800/2900

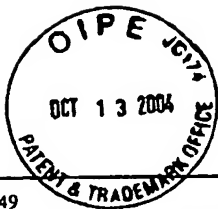
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>[Signature]</i>	Weber et al., "Manipulation of Cells, Organelles, and Genomes by Laser Microbeam and Optical Trap" INTERNATIONAL REVIEW OF CYTOLOGY, 1992, 133:1-41.
<i>[Signature]</i>	Tsakakoshi et al., "A novel method of DNA transfection by laser microbeam cell surgery", APPLIED PHYSICS B, 1984, 35:135-40.
<i>[Signature]</i>	Palumbo et al., "Murine fibroblasts transfection by laser optoporation: preliminary notes on the use of a visible wavelength" PROCEEDINGS OF SPIE-THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1994, 2328 (Biomedical Optoelectronic Devices and Systems II), 167-731.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>10 Dec 03</i>
-----------------------------	-------------------------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: February 5, 2003



Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111473		APPLICATION NO. 10/015607	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Akio KOBAYASHI et al.			
				FILING DATE December 17, 2001		GROUP 1638	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
gh		6,346,101	02/12/2002	Alfano et al.			
gh		4,945,050	07/31/1990	Sanford et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
gh		JP B2 62-7837 (w/abstract)	02/19/1987	Japan	ABSTRACT ONLY		
		JP A 2-9378 (w/abstract)	01/12/1990	Japan	ABSTRACT ONLY		
gh		JP A 9-163984 (w/abstract)	06/24/1997	Japan	ABSTRACT ONLY		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
gh		Kurata et al., "The Laser Method for Efficient Introduction of Foreign DNA into Cultured Cells", EXPERIMENTAL CELL RESEARCH 162 (1986) pp. 372-378.					
gh		Buer et al., "Insertion of Microscopic Objects through Plant Cell Walls Using Laser Microsurgery", BIOTECHNOLOGY AND BIOENGINEERING, vol. 60, no. 3, November 5, 1998.					
		DUPLICATE					
EXAMINER	gh mer				DATE CONSIDERED 14 Dec 04		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 25, 2002